

# CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

## OVERSEEDING BERMUDAGRASS WITH RYE/RYEGRASS FOR GRAZING

ESTIMATED ESTABLISHMENT AND MAINTENANCE COST PER ACRE  
FALL SEEDING -- SEPTEMBER THROUGH MAY

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. VARIABLE COSTS</b>					
SEED (RYEGRASS)	LBS	30.00	\$1.10	\$33.00	_____
SEED (RYE)	LBS	1.00	\$1.10	\$1.10	_____
FERTILIZER					
NITROGEN	LBS	40.00	\$0.77	\$30.80	_____
PHOSPHATE	LBS	60.00	\$0.49	\$29.40	_____
POTASH	LBS	60.00	\$0.33	\$19.80	_____
LIQ. NITROGEN (SPREAD) ****	LBS	60.00	\$0.40	\$24.00	_____
LIME (SPREAD)	TON	0.50	\$45.00	\$22.50	_____
CUSTOM SPREAD	ACRE	1.00	\$10.00	\$10.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$5.17	\$5.17	_____
LABOR	HRS	0.52	\$9.50	\$4.94	_____
INTEREST ON OP. CAP.	DOL.	\$90.36	5.0%	\$4.52	_____
TOTAL VARIABLE COSTS:				<b>\$185.23</b>	<b>\$0.00</b>
<b>2. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$5.20	\$5.20	_____
PRORATED ESTABLISHMENT COST 1/2 ACRE		1.00	\$23.34	\$23.34	_____
TOTAL FIXED COSTS:				<b>\$28.54</b>	<b>\$0.00</b>
<b>3. OTHER COSTS</b>					
LAND RENT	ACRE	1.00	\$40.00	\$40.00	_____
GENERAL OVERHEAD	DOL.	\$185.23	7.0%	\$12.97	_____
TOTAL OTHER COSTS:				<b>\$52.97</b>	<b>\$0.00</b>
<b>4. TOTAL COSTS:</b>				<b>\$266.74</b>	<b>\$0.00</b>

\* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

\*\* LIME AND FERTILIZER RATES SHOULD BE BASED ON SOIL TEST.

\*\*\* ESTABLISHMENT COST WAS PRORATED BETWEEN SUMMER AND WINTER USE OVER A 10-YEAR BASIS.

\*\*\*\* LIQ. NITROGEN TO BE APPLIED IN EARLY-SPRING IF NECESSARY

PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR RYEGRASS OVER BERMUDAGRASS						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
9	NO-TILL DRILL 12'	1.00	0.23	0.21	\$5.17	\$5.20
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.23	0.21	\$5.17	\$5.20
UNALLOCATED LABOR(HRS./AC.)			0.29			

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